ENTERED   PCT09

```
 3 <110> APPLICANT: RAOULT, Didier
 4        LA SCOLA, Bernard
 5        BIRG, Marie-Laure
 6        FENOLLAR, Florence
 8 <120> TITLE OF INVENTION: DIAGNOSIS OF WHIPPLE'S DISEASE
10 <130> FILE REFERENCE: 110530
12 <140> CURRENT APPLICATION NUMBER: 09/936,921B
13 <141> CURRENT FILING DATE: 2001-09-24
15 <150> PRIOR APPLICATION NUMBER: FR 99/03989
16 <151> PRIOR FILING DATE: 1999-03-26
18 <150> PRIOR APPLICATION NUMBER: FR 99/06679
19 <151> PRIOR FILING DATE: 1999-05-21
21 <150> PRIOR APPLICATION NUMBER: PCT/FR00/00754
22 <151> PRIOR FILING DATE: 2000-03-24
24 <160> NUMBER OF SEQ ID NOS: 5
26 <170> SOFTWARE: PatentIn version 3.1
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 19
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: primer
36 <220> FEATURE:
37 <221> NAME/KEY: misc_feature
38 <222> LOCATION: (2)..(2)
39 <223> OTHER INFORMATION: n = I
42 <220> FEATURE:
43 <221> NAME/KEY: misc_feature
44 <222> LOCATION: (8)..(8)
45 <223> OTHER INFORMATION: n = I
48 <220> FEATURE:
49 <221> NAME/KEY: misc_feature
50 <222> LOCATION: (9)..(9)
51 <223> OTHER INFORMATION: n = I
54 <220> FEATURE:
55 <221> NAME/KEY: misc_feature
56 <222> LOCATION: (11)..(11)
57 <223> OTHER INFORMATION: n = I
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61 <221> NAME/KEY: misc_feature
62 <222> LOCATION: (14)..(14)
63 <223> OTHER INFORMATION: n = I
66 <400> SEQUENCE: 1
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RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/936,921B**

DATE: 02/14/2003
TIME: 13:24:51

Input Set : **A:\110530.txt**
Output Set: **N:\CRF4\02142003\I936921B.raw**

```
W--> 67 tnatgggnnc naanatgca                                           19
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     71 <211> LENGTH: 20
     72 <212> TYPE: DNA
     73 <213> ORGANISM: Artificial Sequence
     75 <220> FEATURE:
     76 <223> OTHER INFORMATION: primer
     78 <220> FEATURE:
     79 <221> NAME/KEY: misc_feature
     80 <222> LOCATION: (6)..(6)
     81 <223> OTHER INFORMATION: n = I
     84 <220> FEATURE:
     85 <221> NAME/KEY: misc_feature
     86 <222> LOCATION: (15)..(15)
     87 <223> OTHER INFORMATION: n = I
     90 <220> FEATURE:
     91 <221> NAME/KEY: misc_feature
     92 <222> LOCATION: (18)..(18)
     93 <223> OTHER INFORMATION: n = I
     96 <400> SEQUENCE: 2
                                                                       20
W--> 97 gcccancatt ccatntcncc
    100 <210> SEQ ID NO: 3
    101 <211> LENGTH: 612
    102 <212> TYPE: DNA
    103 <213> ORGANISM: Tropheryma whippelii
    105 <220> FEATURE:
    106 <221> NAME/KEY: misc_feature
    107 <222> LOCATION: (9)..(9)
    108 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
    111 <220> FEATURE:
    112 <221> NAME/KEY: misc_feature
    113 <222> LOCATION: (16)..(16)
    114 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
    117 <220> FEATURE:
    118 <221> NAME/KEY: misc_feature
    119 <222> LOCATION: (18)..(18)
    120 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
    123 <220> FEATURE:
    124 <221> NAME/KEY: misc_feature
    125 <222> LOCATION: (22)..(22)
    126 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
    129 <220> FEATURE:
    130 <221> NAME/KEY: misc_feature
    131 <222> LOCATION: (29)..(29)
    132 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
    135 <220> FEATURE:
    136 <221> NAME/KEY: misc_feature
    137 <222> LOCATION: (38)..(38)
    138 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
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142 <221> NAME/KEY: misc_feature
143 <222> LOCATION: (68)..(68)
144 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
147 <220> FEATURE:
148 <221> NAME/KEY: misc_feature
149 <222> LOCATION: (117)..(118)
150 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: (195)..(195)
156 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
159 <220> FEATURE:
160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: (379)..(379)
162 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
165 <220> FEATURE:
166 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (436)..(436)
168 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
171 <400> SEQUENCE: 3
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W-->
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172 aagtcccccng gacggnanag gnatggagng gtatgtancg atcgatgcgg gtgatgtttt     60
174 aattgccnag gatccgggca ttgtgggggga tgtttccgct gatgttgtca ctgtcannca    120
176 ggatgacggg aaacatcgcg actaccatgt tggtaaattt gttcgttcaa atcagggcaa    180
178 ctgttacaac cagcnagttg tggtccgatc cggagatcgt gtataaaaag gtacagttct    240
180 tgcacatggt ccatgtactg acaaaggtga gcttagtctt ggtagaaatc ttctggttgc    300
182 tttcatgccc tgggagggct ataactttga ggatgcgata attatcagcc agaatttggt    360
184 caaggacgac acccttctcnt caatccacat agaagaacat gaggttagca cccgggatac    420
186 gaagctgggc agtganagaa ataacgcgag accttccgaa tgtaagcatg gattacataa    480
188 aggacttgga cgaacggggt attatccgga ttggcgctga ggttggccct ggggacattt    540
190 tggttggtaa ggtgacccca aagggcgaag accgaactca acgcggaaga acgtttgctg    600
192 agggctatct tt                                                        612
```

```
195 <210> SEQ ID NO: 4
196 <211> LENGTH: 18
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: oligonucleotide
203 <400> SEQUENCE: 4
204 gcattgtggg ggatgttt                                                    18
207 <210> SEQ ID NO: 5
208 <211> LENGTH: 18
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: oligonucleotide
215 <400> SEQUENCE: 5
216 ttggggtcac cttaccaa                                                    18
```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: **US/09/936,921B**

DATE: 02/14/2003
TIME: 13:24:52

Input Set : **A:\110530.txt**
Output Set: **N:\CRF4\02142003\I936921B.raw**

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 2,8,9,11,14
Seq#:2; N Pos. 6,15,18
Seq#:3; N Pos. 9,16,18,22,29,38,68,117,118,195,379,436

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/936,921B**

DATE: 02/14/2003
TIME: 13:24:52

Input Set : **A:\110530.txt**
Output Set: **N:\CRF4\02142003\I936921B.raw**

```
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
M:341 Repeated in SeqNo=3
```